

Year: 2008

Reference standards:

EN 1469, EN 12057, EN 12058

Products:

Slabs and/or modular tiles of natural stone for cladding and/or for floors & stairs.

Denomination:

Volakas Drama White
(in accordance with EN 12440)

Commercial name:

Macedonian White (Volakas) marble
(origin: Volakas, Drama/Greece)

End use:


Internal & external wall and ceiling finishes. Internal & external floor finishing.

Producer /Supplier :

DIONYSSOMARBLE S.A.
Head Office: 364 Kifissias Av. & 1 Delfon str.,
15233 Chalandri, Athens/Greece

Characteristics	Declared values	Test method
Reaction to fire	Class A1	Without testing (see decision 96/603/EC, as amended)
Flexural strength	Lower expected value: 4.0 MPa Mean value: 6.3 MPa Standard deviation : 1.4 MPa	EN 12372
Resistance to fixings	Lower expected value: 569 N Mean value: 900 N Standard deviation: 170 N	EN 13364
Water absorption at atmospheric pressure	0.24 % per mass	EN 13755
Water absorption coefficient by capillarity	0.662 g / (m² x sec^{0,5})	EN 1925
Apparent density	2840 kg / m³ (mean value)	EN 1936
Open porosity	0.8 % per volume	EN 1936
Slip resistance	Non-polished: SRV_{dry}: 71 SRV_{wet}: 67 Polished: SRV_{dry}: 58 SRV_{wet}: 9	EN 14231
Abrasion resistance	25263 mm³ (loss in volume)	EN 14157 (method B)
Frost resistance	Flexural strength after 12 cycles: 5.1 MPa (19.05% decrease of strength)	EN 12371 & EN 12372
Frost resistance	Flexural strength after 48 cycles: 5.8 MPa (7.9% decrease of strength)	EN 12371 & EN 12372
Thermal shock resistance	After 20 cycles, Mean change in mass: -0.02% Mean change of dynamic elastic modulus: -16.9%	EN 14066 & EN 14146

September 12, 2008


Styliani Argyroudi
Vice Chairman of the Board


Dimitra Alt
Chairman of the Board